

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 88046/13320/03	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/GB2005/001081	International filing date (day/month/year) 22/03/2005	(Earliest) Priority Date (day/month/year) 02/04/2004
Applicant EASTMAN KODAK COMPANY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

ELECTROWETTING DISPLAY ELEMENT

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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International application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A display element comprising at least two conductive porous layers and a conductive liquid, the conductive porous layers comprising a plurality of connected conductive particles insulated from the conductive liquid by a dielectric and lyophobic covering, and means for separately connecting a voltage across the at least two porous layers and the liquid such that on sequential application of a voltage to each conductive layer the liquid is displaced from one location to another location, the liquid only returning to the original location upon alternate sequential application of a voltage.

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International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B26/02 G09F9/37

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B G09F G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 400 834 A (HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P) 24 March 2004 (2004-03-24) paragraphs '0028! - '0040!; figures 2-7 -----	1-19
A	US 4 419 663 A (KOHASHI ET AL) 6 December 1983 (1983-12-06) column 3, line 43 - column 5, line 6 column 6, line 54 - column 8, line 37 column 20, line 59 - column 24, line 46 column 32, line 11 - column 33, line 16; claims 82,97,98 column 1, line 44 - column 2, line 17; figures 1,2,4,14,15,23 column 9, line 25 - column 11, line 5 ----- -/--	1-19



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

3 June 2005

Date of mailing of the international search report

17/06/2005

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 488 785 A (KOHASHI ET AL) 18 December 1984 (1984-12-18) column 2, line 17 - column 4, line 66; figures 1-3 column 5, lines 62-67 -----	1-19
A	US 4 569 575 A (LE PESANT ET AL) 11 February 1986 (1986-02-11) column 3, line 4 - column 6, line 56; figures 1-3 -----	1-19
A	EP 0 884 714 A (XEROX CORPORATION) 16 December 1998 (1998-12-16) column 2, line 44 - column 5, line 4; figures 1,12,13 column 7, line 2 - column 9, line 16 -----	1-19
A	BENI G ET AL: "Electro-wetting displays" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 38, no. 4, 15 February 1981 (1981-02-15), pages 207-209, XP001190831 ISSN: 0003-6951 the whole document -----	1
A	LEA M: "ELECTROCAPILLARITY MODULATORS AND LARGE SCREEN PROJECTION DISPLAYS" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 684, 21 August 1986 (1986-08-21), pages 45-49, XP000199517 ISSN: 0277-786X paragraphs '0046!, '0048!; figures 2,4,5,7 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/001081

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1400834	A	24-03-2004	US 2004057143 A1	25-03-2004
			CA 2439997 A1	19-03-2004
			EP 1400834 A1	24-03-2004
			JP 2004110041 A	08-04-2004
			TW 594268 B	21-06-2004
US 4419663	A	06-12-1983	JP 1422839 C	29-01-1988
			JP 55121472 A	18-09-1980
			JP 62009910 B	03-03-1987
			JP 1407041 C	27-10-1987
			JP 55121473 A	18-09-1980
			JP 62013667 B	27-03-1987
			JP 56067882 A	08-06-1981
			GB 2044508 A , B	15-10-1980
US 4488785	A	18-12-1984	JP 1481910 C	27-02-1989
			JP 57089725 A	04-06-1982
			JP 63029247 B	13-06-1988
			GB 2088077 A , B	03-06-1982
US 4569575	A	11-02-1986	FR 2548431 A1	04-01-1985
			DE 3465648 D1	01-10-1987
			EP 0131493 A1	16-01-1985
			JP 60037589 A	26-02-1985
EP 0884714	A	16-12-1998	US 5956005 A	21-09-1999
			EP 0884714 A2	16-12-1998